

REMARKS

1. The applicants have further amended the claim1 according to the Office communication to remove the Claim Objections.
2. This application has been further amended to remove hematopoietic and non-hematopoietic since the function of the pores of upper plate is to keep large size MSCs and to let small-sized cells passing through the pores. The person skilled in the art should know use the upper plate to filter out small-sized cells. Based on the teaching of this application, one with ordinary skill in the art can use an upper plate with pore size of 0.4 to 40 microns to separate MSCs with other smaller size cells. Furthermore, the upper plate is made of a mesenchymal stem cell adhering material, which MSCs will adhere and the other non-adherent cells can be removed by washing. These steps combined with the use of the upper plate with pore size claimed can all be applied to isolate MSCs. The pores in upper plate will certainly increase the efficiency of isolation. Therefore, there was no undue experiment works needed.
3. This application mainly apply the adhering and larger in size characteristics of the MSCs. Therefore, the MSCs can be separated and adhered on the upper plate. The other smaller-sized cells can pass through the pores. Furthermore, the other small-sized non-adhering cells can migrate and pass through the pores of the upper plate due to the gravity.
4. The application uses the adhering and larger in size characteristics of the MSCs, which increases the isolating and culturing efficiency of the MSCs.

Accordingly, this application should be placed in condition of allowance. An early Notice to this effect is respectfully expected.

Respectfully submitted:

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